

FIG. 1

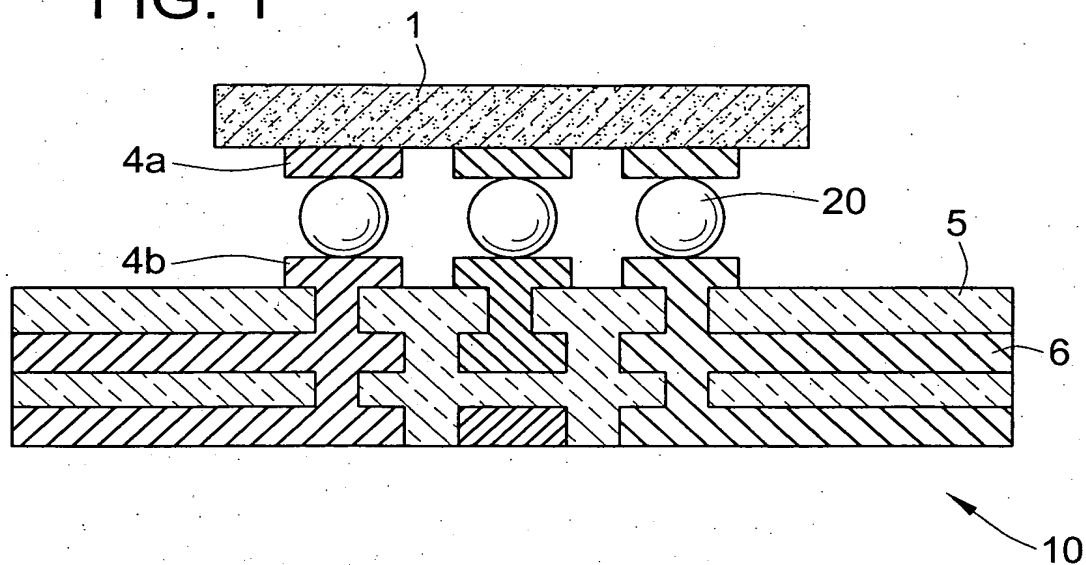


FIG. 2

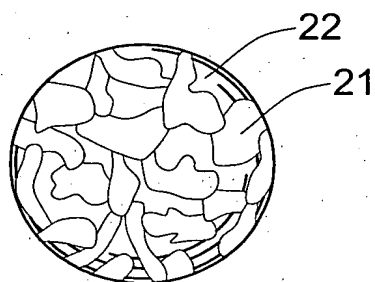


FIG. 3A

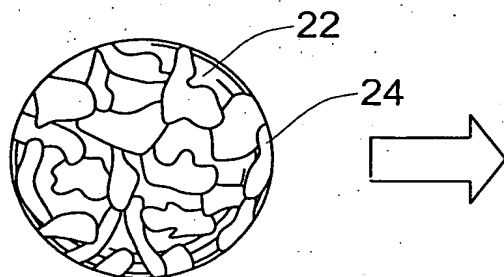


FIG. 3B

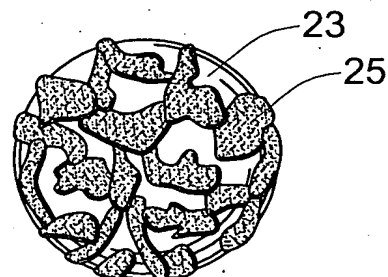


FIG. 4A

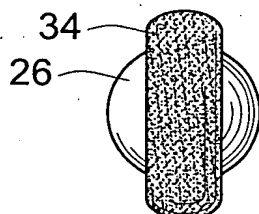


FIG. 4B

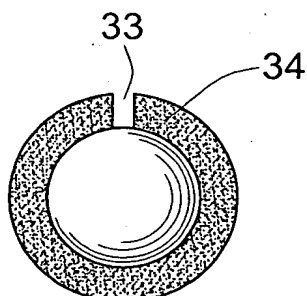


FIG. 5

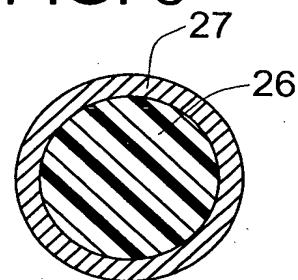


FIG. 6A

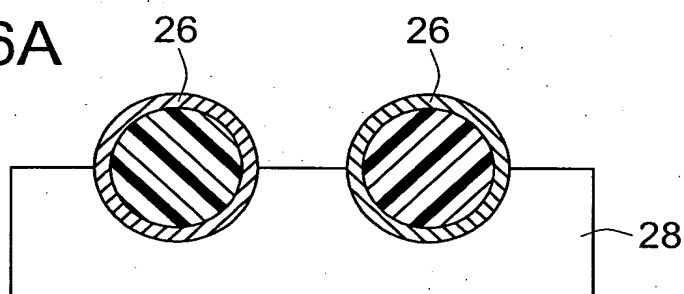


FIG. 6B

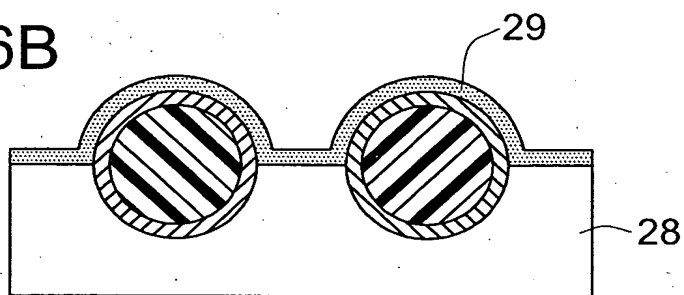
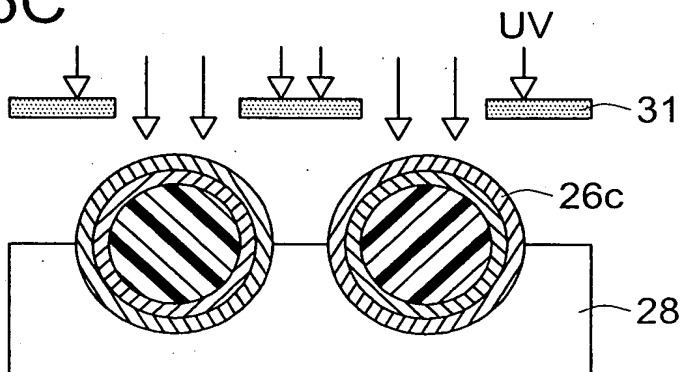


FIG. 6C



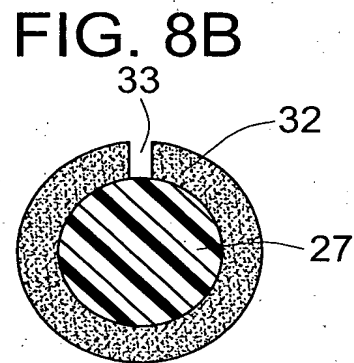
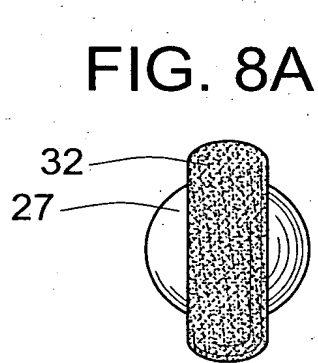
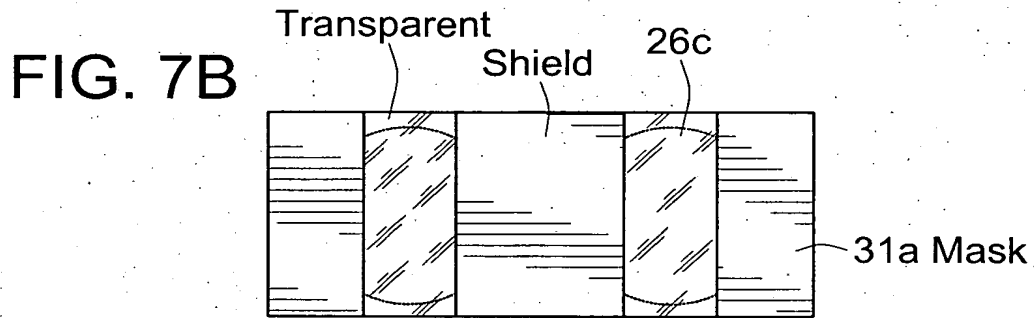
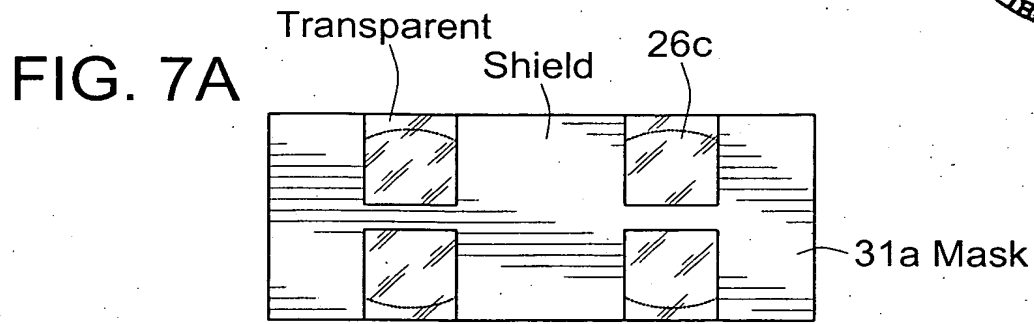


FIG. 9

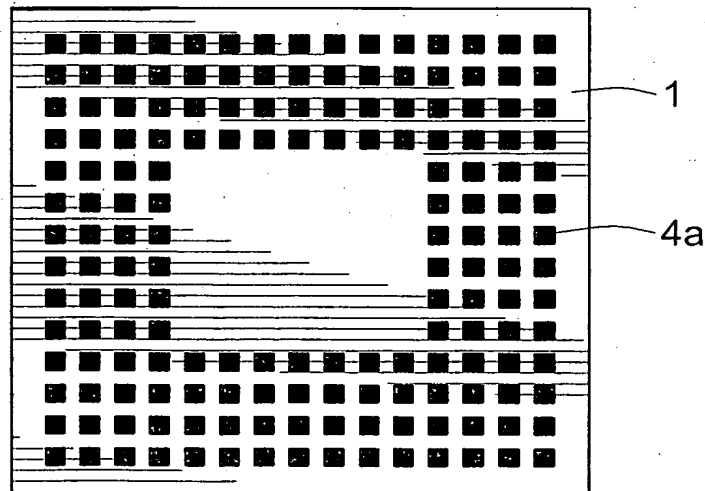


FIG. 10

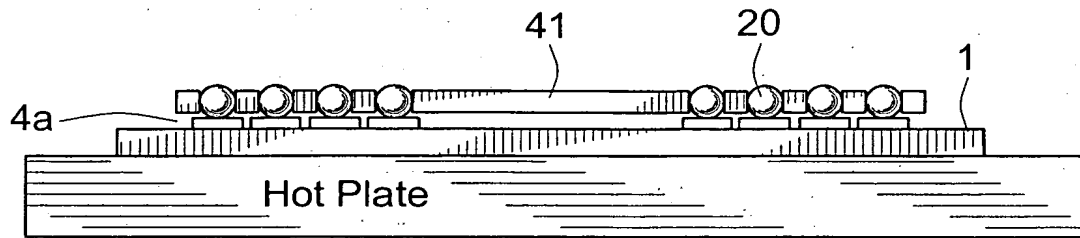


FIG. 11

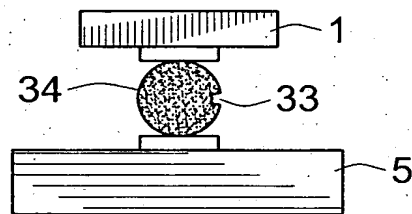


FIG. 12

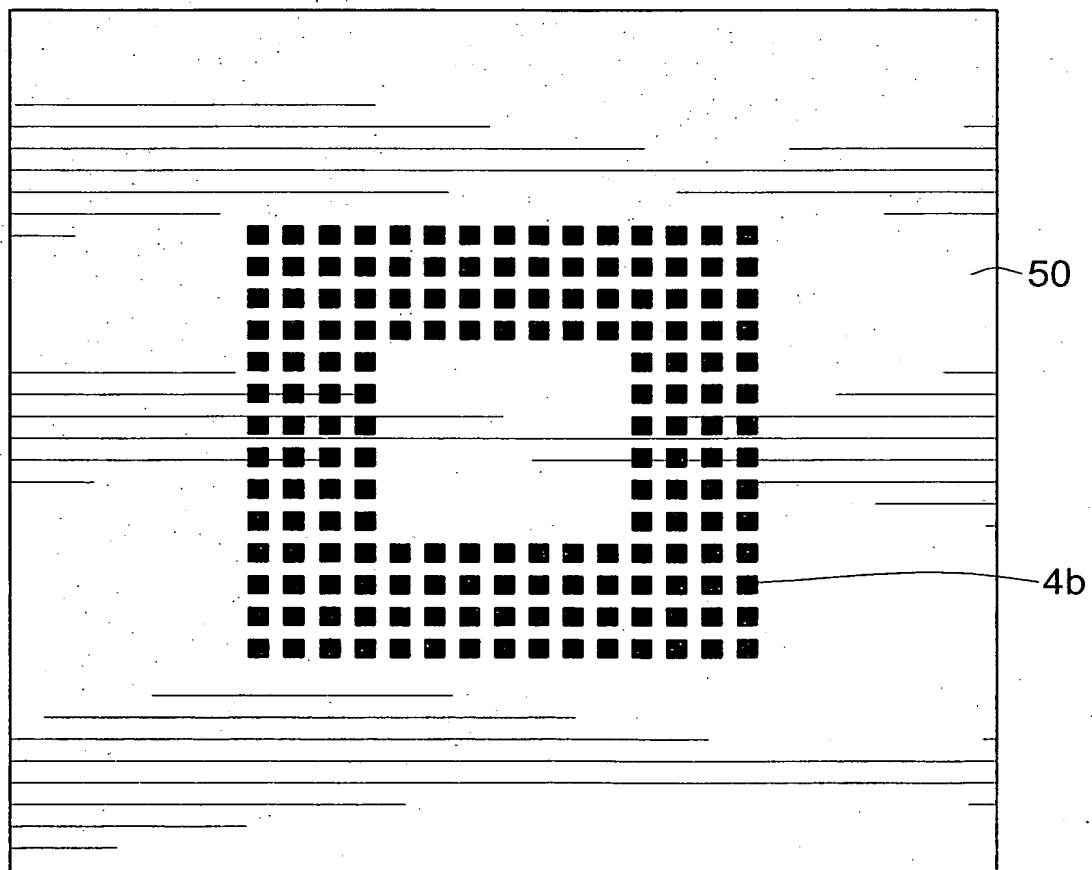


FIG. 13

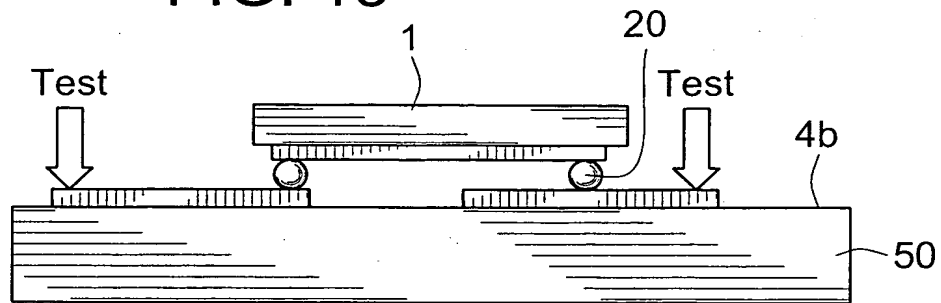


FIG. 14

Number of Cycles	100	200	400	600	800	1000
Connecting Member 20a	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20b	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20c	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20d	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20e	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20f	0/88	0/88	0/88	0/88	0/88	0/88
Sparkle Ball S-type	0/88	0/88	0/88	0/88	8/88	15/88
Sparkle Ball C-type	0/88	0/88	2/88	8/88	10/88	12/88
Coper Ball	0/88	0/88	1/88	5/88	12/88	13/88

FIG. 15
(PRIOR ART)

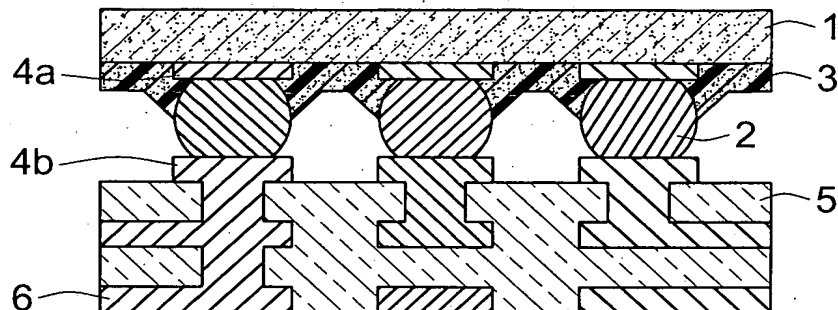


FIG. 16
(PRIOR ART)

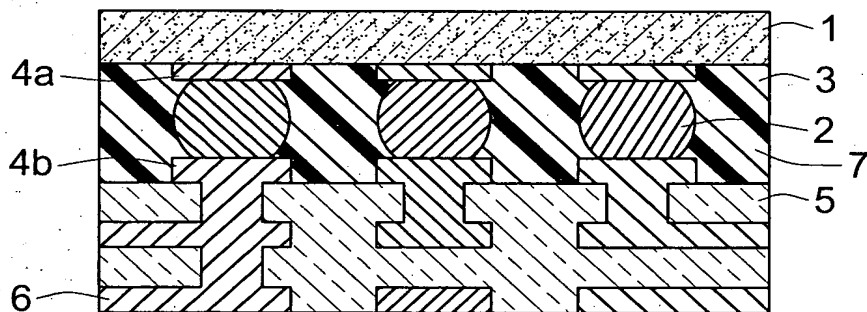


FIG. 17
(PRIOR ART)

